

Solid-state memories that rely on applied voltage for memory retention must be powered by batteries with a minimum support life of 5 years from the date of battery renewal with no external power applied and with sufficient redundancy to be self-checking.

(2) Be able to display the amounts in both the ascending and the descending registers (not necessarily at the same time).

(3) Be able to display, free from accidental changes, the next amount of postage to be printed.

(4) Be resettable by Postal Service employees, preferably without customized equipment.

(5) Contain a fault-detection device for computational security that automatically locks out the meter and prevents printing of additional postage in the event of malfunction.

(6) Meet Postal Service test specifications in United States Postal Service Specification, Postage Meters, Electronic, Postal Service-M-942 (RDC). Persons wanting to manufacture electronic meters may obtain a copy of this Postal Service test specification from Postal Service Headquarters.

(j) Auxiliary equipment required for the operation of the meters must be part of the final production models submitted for Postal Service approval. Failure of the auxiliary equipment, which could cause malfunction in meter operation, is considered the same as a meter failure.

§ 501.7 Test plans.

To receive Postal Service approval, a postage meter must be tested. Manufacturers of electronic meters must submit a detailed test plan to the Postal Service for approval at least 60 days before conducting the tests. The test plan must include tests that, if passed by a meter, prove compliance by the meter with all postal requirements. The test plan must list the parameters to be tested, test equipment, procedures, test sample sizes, and test data formats. Also, the plan must include detailed descriptions, specifications, design drawings, schematic diagrams, and explanations of the purposes of all special test equipment and non-standard or noncommercial instrumentation.

§ 501.8 Submission of each model.

Each meter model proposed for manufacture must be approved by the Postal Service after testing at the manufacturer's expense. A preliminary working model that meets the specifications in § 501.6 may be submitted for tentative approval. No meter of any model may be distributed or used for postage payment until a complete unit made to production drawings and specifications is submitted, tested, and approved, unless authorized for preliminary field testing.

§ 501.9 Security testing.

The Postal Service reserves the right to require or conduct additional examination and testing at any time, without cause, of any meter submitted to the Postal Service for approval or approved by the Postal Service for manufacture and distribution.

§ 501.10 Meter approval.

As provided in § 501.13, the manufacturer has a duty to report security weaknesses to the Postal Service to ensure that each meter model and every meter in service protects the Postal Service against loss of revenue at all times. A grant of approval of a model does not constitute an irrevocable determination that the Postal Service is satisfied with the revenue-protection capabilities of the model. After approval is granted to manufacture and distribute a meter, no change affecting the basic features or safeguards of a meter may be made except as authorized or ordered by the Postal Service in writing.

§ 501.11 Conditions for approval.

(a) The Postal Service may require, and reserves future rights to require, that production models of approved meters be deposited with the Postal Service.

(b) The manufacturer must provide copies of resetting and inspection media to each licensing post office before distribution. The contents of the media must explain how the meter is reset and describe any special or unique features of the meter. The manufacturer must also provide a training video for any new metering product

that includes an explanation of how the device is reset as well as recommended methods for detecting evidence of tampering.

(c) As a condition of approval, the manufacturer has a continuing obligation to provide the Postal Service with copies of service manuals and updates to setting instructions. The manufacturer must also promptly provide Retail Systems and Equipment, Postal Service Headquarters, with any additional documentation on request.

(d) On request by the Postal Service, additional meters must be submitted to the Postal Service for testing, at the expense of the manufacturer.

§ 501.12 Suspension and revocation of approval.

(a) The Postal Service may suspend meter approval under § 501.10 if the Postal Service has probable cause to believe that a manufacturer's meter or class of meters poses an unreasonable risk to postal revenue. Suspension of approval to manufacture or distribute a meter or class of meters in whole or in part shall be based on the potential risk to postal revenue. Before determining whether approval of a meter or class of meters should be revoked, the procedures in paragraph (b) of this section shall be followed.

(b) Suspension in all cases shall be as follows:

(1) Upon determination by the Postal Service that a meter poses an unreasonable risk to postal revenue, the Postal Service shall issue a written notice of proposed suspension citing deficiencies for which suspension may be imposed under paragraph (b)(2) of this section. The manufacturer shall be given an opportunity to correct deficiencies and achieve compliance with all requirements within a time limit corresponding to the potential risk to postal revenue.

(2) If the Postal Service determines that the manufacturer has failed to correct cited deficiencies within the specified time limit, the Postal Service shall issue a written notice setting forth the facts and reasons for the decision to suspend and the effective date if a written defense is not presented as provided in paragraph (c) of this section.

(3) If, upon consideration of the defense as provided in paragraph (d) of this section, the Postal Service deems that the suspension is warranted, the suspension shall remain in effect for up to 90 days unless withdrawn by the Postal Service, as provided in paragraph (b)(4)(iii) of this section.

(4) At the end of the 90-day suspension, the Postal Service may:

(i) Extend the suspension in order to allow more time for investigation or to allow the manufacturer to correct the problem;

(ii) Make a determination to revoke the approval of the manufacturer's meter or class of meters; or

(iii) Withdraw the suspension based on identification and implementation of a satisfactory solution to the problem. Manufacturer suspensions may be withdrawn before the end of the 90-day period if the Postal Service determines that the manufacturer's solution and implementation are satisfactory.

(c) The manufacturer may present the Postal Service with a written defense to any suspension or revocation determination within 30 calendar days of receiving the written notice (unless a shorter period is deemed necessary). The defense must include all supporting evidence and state with specificity the reasons for which the order should not be imposed.

(d) After receipt and consideration of the written defense, the Postal Service shall advise the manufacturer of the decision and the facts and reasons for it. The decision shall be effective on receipt unless it provides otherwise. The decision shall also advise the manufacturer that it may appeal that determination within 30 calendar days of receiving written notice (unless a shorter period is deemed necessary), as specified therein. The appeal must include all supporting evidence and state with specificity the reasons that the manufacturer believes that the decision is erroneous.

(e) An order or final decision under this section does not preclude any other criminal or civil statutory, common law, or administrative remedy that is available by law to the Postal Service, the United States, or any other person or concern.